

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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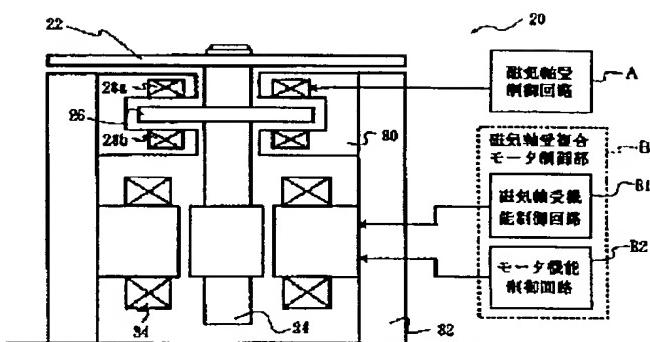
APPLICATION DATE : 28-12-94  
APPLICATION NUMBER : 06328257

APPLICANT : SEIKO SEIKI CO LTD;

INVENTOR : MAEJIMA YASUSHI;

INT.CL. : H02K 7/09 G11B 19/20

TITLE : SPINDLE EQUIPMENT



ABSTRACT : PURPOSE: To prevent dusting and perform high-speed, high-precision rotation.

CONSTITUTION: A rotating shaft 24 equipped with a hard disk 22 at the top end is supported in a noncontact state in the axial direction by magnetic levitation of a bearing disk 26. Also, the rotating shaft 24 is supported by a magnetic force in radial direction by the magnetic bearing functions of a magnetic bearing composite motor 34 and is driven to rotation by the motor function of the magnetic bearing composite motor 34.

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